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| Index of Claims |                 |              |           |       |                |                |          |                     |                   |           |          |            |              | Application No. |           |                     |                        |           |            |        |          |              |       | Applicant(s)  |            |          |                       |           |           |          |        |          |          |          |   |  |
|-----------------|-----------------|--------------|-----------|-------|----------------|----------------|----------|---------------------|-------------------|-----------|----------|------------|--------------|-----------------|-----------|---------------------|------------------------|-----------|------------|--------|----------|--------------|-------|---------------|------------|----------|-----------------------|-----------|-----------|----------|--------|----------|----------|----------|---|--|
|                 |                 | e in en en   | er.       | i din |                | O I            |          | ra:<br>HM           | / <i>//5</i>      | 75<br>Mil | rt m     | ni         |              |                 |           | -                   | ΩQ                     | /RR       | Q Q        | 54     |          |              |       |               |            |          | iK                    | ΕD        | Α. Ι      | ΙKL      | JYC    | )        |          |          |   |  |
|                 |                 |              |           |       | Ш              |                | Ш        |                     |                   |           | Ш        |            |              |                 |           | ł                   | 09/669,854<br>Examiner |           |            |        |          |              |       |               |            |          | IKEDA, IKUYO Art Unit |           |           |          |        |          |          |          |   |  |
|                 |                 |              |           |       |                | Ш              | Ш        |                     |                   |           |          |            |              |                 |           | -                   | Quoc A. Tran           |           |            |        |          |              |       |               |            | .        | 2176                  |           |           |          |        |          |          |          |   |  |
|                 |                 | 1404         | CHIL      | 1111  | 3 670          | 19 611         | 1116     |                     |                   | uist      |          |            |              |                 |           |                     | Qt                     | IOC       | Α.         | Tra    | n        |              |       |               |            |          | 21                    | 10        |           |          |        | ᆚ        |          |          |   |  |
|                 |                 | 1            |           |       |                | -              | ٦        |                     | ſ                 | 7         |          | <u></u>    |              |                 |           | -                   | 41)                    | ٦         | Г          | Г      | _        | _            |       | $\neg$        |            | П        | _                     | _         |           | _        | _      | 1        |          |          |   |  |
| √ Rejected -    |                 |              |           |       |                |                |          |                     | _ (Through numers |           |          |            |              |                 | jera<br>J | ""     <sub> </sub> |                        |           | N Non-Elec |        |          | ct           | ed    |               | A          | A Appeal |                       |           |           |          |        |          |          |          |   |  |
|                 | <del>    </del> |              |           |       |                |                |          |                     | ᅥ                 | _         |          |            |              |                 |           |                     |                        |           |            |        |          |              | ┪     |               |            |          | Objected              |           |           |          |        |          |          |          |   |  |
|                 | = Allowed       |              |           |       |                |                |          |                     | +                 |           |          | Re         | stri         | cted            | j         |                     |                        | 1         | 1          | nter   | ter      | ence         |       |               | 0          | ,        | Ob,                   | (ac)      | 180       |          |        |          |          |          |   |  |
|                 | <u> </u>        |              |           |       |                |                |          | ·<br>               | <br>              |           | _        |            |              | _               |           |                     |                        | _         |            |        |          |              | Claim |               |            | On a     |                       |           |           |          |        | _        |          |          |   |  |
|                 | Claim Date      |              |           |       |                | _              |          |                     |                   | Claim     |          |            |              | _               | Da        | te                  | т                      | ┰┥┝       |            |        | 쌹        |              | Oate  |               |            |          |                       | т-        |           | $\dashv$ |        |          |          |          |   |  |
|                 | 75              | Eg.          | 3         | 19-   | 6              | 9              |          | 1                   | ١                 |           |          | ٠          | F            | E E             |           |                     | Į                      |           |            | l      |          |              | 1     | Finat         | ina        |          | ١                     | 1         |           |          |        |          |          | :        |   |  |
| !               | Final           | Original     | \$ 31/0c  | ٠,//  | 191            |                |          | - (                 |                   |           |          |            | Final        | Original        |           |                     | 1                      |           |            |        |          |              | 4     | Ě             | Original   |          | ١                     |           |           | 1        |        | ļ. '     |          |          |   |  |
|                 |                 | 1            | 72        | 7     | 4              |                | 4        | +                   | -                 | -         | -        |            | -            | 51              | Н         | Н                   | +                      | +         | ╁          | ╆      | Н        | ᅥ            | ŀ     |               | 101        | H        | $\dashv$              | $\dagger$ | $\dagger$ | T        | T      |          | Н        |          |   |  |
|                 |                 | 3            |           |       |                |                |          | 士                   |                   |           |          |            |              | 52              |           | П                   | #                      | I         | 工          |        |          | $\Box$       | Ţ     |               | 102        | П        | $\Box$                | 7         | Ţ         | Ţ        | Ţ      | $\Box$   |          |          |   |  |
|                 |                 | 7            |           |       |                | H              |          | -ŀ                  |                   | _         |          |            | -            | 53<br>54        | Н         | Н                   | +                      | ╬         | ╀          | ╀      | Н        | $\dashv$     | 1     |               | 103        | Н        | $\dashv$              | +         | ╁         | +        | ╁      | Н        | Н        |          |   |  |
|                 |                 | <u>4</u>     |           |       |                | 日              | $\dashv$ | +                   | 1                 |           | $\vdash$ | , ,        |              | 55              | L         | Ħ                   | _                      | 1         | 土          | L      | Ħ        | J            | :1    |               | 105        | 口        | ゴ                     | #         | 士         | 工        | 1      |          | 口        |          | • |  |
|                 |                 | ÷            | K         | Ш     | П              |                |          | 1                   |                   |           |          | • 1        |              | 56              | Г         | П                   | $\supset$              | 7         | Ţ          | F      | П        | $\neg$       | ا:`   |               | 105        | $\Box$   | $\dashv$              | 4         | +         | +        | +      | $\vdash$ | Н        |          |   |  |
|                 | <u> </u>        | 1            |           |       | Ħ              | Ħ              | 닉        | +                   | 4                 | $\dashv$  | Н        |            | -            | 57<br>58        | ╁         | Н                   | ╁                      | +         | +          | +      | Н        | +            |       |               | 108        | H        | _                     | +         | 十         | +        | 1      |          | H        | ļ        |   |  |
|                 |                 | 14           |           |       |                |                |          | 1                   |                   |           | П        |            |              | 59              | 匚         |                     | $\exists$              | 1         |            |        |          |              | ]     |               | 109        | П        | $\Box$                | 1         | I         | Ţ        | I      | Г        |          |          |   |  |
| ٠.              |                 | 10           |           |       |                | $\blacksquare$ |          | $\rightrightarrows$ | L                 |           |          |            |              | 60<br>61        | L         | Н                   | 4                      | +         | +          | ╀      | Н        | $\dashv$     | ě     | _             | 110        | Н        | +                     | +         | +         | ╁        | ╀      | ⊢        | Н        |          |   |  |
|                 | <u> </u>        | 14 12        | E         |       | Ш              |                | H        | ᅱ                   | -                 | -         | Н        | ¥          | -            | 62              | ╁         | Н                   | 1                      | +         | T          | t      | Н        |              |       |               | 112        |          |                       | 1         | 1         | 1        | 土      |          |          |          |   |  |
|                 |                 | 19           | Ε         |       | $\blacksquare$ |                |          | 口                   |                   |           |          |            |              | 63              | L         |                     | $\exists$              | 7         | Ŧ          | I      |          |              | 4     |               | 113        |          | 4                     | 4         | 4         | +        | ╀      | ├-       | Н        |          | • |  |
|                 | -               | 14           | 7         | 7     | 1              |                | H        | 4                   | -                 |           |          | :          |              | 64<br>65        | ╁         | Н                   | $\dashv$               | ┿         | ┿          | ╁╌     | Н        | $\dashv$     |       |               | 114<br>115 | Н        | -+                    | $\dashv$  | +         | ╅        | ╁      | †        | Н        |          |   |  |
|                 |                 | 16           |           | Ż     |                |                |          | 1                   |                   |           |          | c:         |              | 66              |           |                     | 口                      | #         | 工          | I      |          |              |       |               | 116        |          | $\Box$                | 1         | 7         | Ţ        | Ţ      | $\Box$   |          |          |   |  |
|                 |                 | 17           | Ų         | 2     | V              | 7              | П        | 4                   | _                 | Ш         |          | *          | ļ            | 67<br>68        | ╀         | Н                   | -                      | +         | ╀          | ╀      | Н        | Н            | . 1   |               | 117<br>118 | Н        | 1                     | +         | +         | ╁        | ╁      | ╁╌       | Н        |          |   |  |
|                 |                 | (18)<br>(19) |           | 7     | K              | 长              | Н        | -1                  |                   | -         |          |            | _            | 69              | $\perp$   |                     |                        | 1         | 士          | İ      | П        |              |       |               | 119        |          |                       | ゴ         | 土         | #        | 1      |          |          |          |   |  |
|                 |                 | 20           | V         | V     | V              | V              |          | $\Box$              | _                 |           |          | 1          |              | 70              |           | П                   | $\Box$                 | 4         | 4          | Į.     | $\Box$   | П            | '     |               | 120<br>121 | H        | Н                     | +         | +         | +        | ╀      | ╀        | $\vdash$ |          |   |  |
|                 | $\vdash$        | (21)<br>22   | 14        | K     | V              | 1              | Н        | -                   |                   | ┝         | ┝        | ŀ.         | -            | 71 72           | ╁         | Н                   | $\dashv$               | +         | +          | 十      | $\vdash$ | H            | :     |               | 122        | $\Box$   | H                     | 1         | 士         | $\pm$    | 1      | T        |          |          |   |  |
|                 |                 | 23           | V         | V     | V              |                |          |                     |                   | L         | 匚        | ľ          |              | 73              | T         |                     |                        | 1         | 1          | T      |          |              | 1     |               | 123        |          | П                     | 4         | 7         | Ţ        | Ŧ      | L        |          | Ì        |   |  |
|                 |                 | 124          | 4         | 7     | 7              | 1              | П        |                     | _                 | L         | ļ        |            | ┝            | 74<br>75        |           | Н                   | $\dashv$               | +         | +          | ╀      | ╀        | Н            |       | -             | 124<br>125 |          | Н                     | +         | +         | +        | ╁      | ╁        | $\vdash$ | 1        |   |  |
|                 | <u> </u>        | 25<br>26     | ╁╌        | ╁     | ╫              | ╁              | Н        |                     | -                 | ┢         | ┪        | [          |              | 76              |           | Ħ                   |                        | 士         | $\perp$    | 土      | I        |              |       |               | 126        |          |                       |           | 1         | 1        | Ţ      | T        |          | <b>!</b> |   |  |
|                 |                 | 27           | L         |       |                |                |          |                     | _                 |           |          | Ī          |              | 77              |           |                     |                        | 4         | 4          | Ļ      | -        | H            |       | -             | 127<br>128 |          | H                     | 4         | +         | ╬        | ┿      | ╀        | ╀        | ł        |   |  |
|                 | -               | 28<br>29     | ╀         | ╀╌    | ┝              | ┼-             | Н        | -                   |                   | -         | ╁        |            | $\vdash$     | 78<br>79        |           | ╁┤                  | Н                      | +         | ╁          | 十      | +        | Н            |       | -             | 129        | T        |                       |           | $\pm$     | İ        | $\pm$  | 上        |          | j        |   |  |
|                 |                 | 30           | t         |       |                |                |          |                     |                   | I         |          | ĺ.,        |              | 80              | I         |                     | 口                      | $\exists$ | 1          | T      |          |              |       | $\vdash$      | 130        | Т        | П                     | $\exists$ | 4         | 1        | F      | 1        | F        | -        |   |  |
|                 |                 | 31           | +         | 1     | -              | -              | Н        | $\dashv$            | -                 | $\vdash$  | +        |            | ┝            | 81              |           | $\vdash$            | Н                      | $\dashv$  | +          | +      | +        | Н            |       | ├             | 131        |          | Н                     | $\dashv$  | ╁         | 十        | 士      | $\pm$    | 1        | 1        |   |  |
|                 |                 | 33           | $\dagger$ | t     | T              |                | H        |                     |                   | T         | İ        | ] -        |              | 83              |           |                     | 口                      | 二         | 1          | 1      | L        |              | •     |               | 133        |          | 口                     |           | I         | 工        | T      | I        |          | 1        |   |  |
|                 |                 | 34           | L         | L     | L              | L              | П        |                     |                   | F         | F        | ١.         | <del> </del> | 84<br>85        |           | ╁-                  | $\vdash$               |           | +          | ╬      | +-       | Н            |       |               | 134<br>135 |          | Н                     | +         | +         | +        | +      | +        | +        | 1        |   |  |
|                 | -               | 35           |           | ╁     | ╁              | ╁╌             | H        | H                   | -                 | +         | +        |            | 1            | 86              | I         | T                   | $\Box$                 | $\exists$ | 士          | 士      | 上        |              |       |               | 136        | L        | 口                     | 二         | 1         | 1        | 1      | 丰        | 1        | į        |   |  |
|                 |                 | 37           | I         |       |                |                |          |                     |                   | L         | F        |            | 匚            | 87              | T         | F                   | П                      | Į         | T          | $\bot$ | F        | H            |       | <u> </u>      | 137<br>138 | _        | $\vdash$              | H         | +         | +        | +      | ╀        | ╁        | 1        |   |  |
|                 | -               | 38           | ╀         | ╀     | ╀              | ╄              | Н        | Н                   | -                 | ┝         | ╀        |            | }_           | 88              |           | ╀                   | Н                      | +         | +          | 十      | ╁        | H            |       | <del> </del>  | 139        |          | Н                     | H         | $\pm$     | 士        | 士      | 士        | T        | 1        |   |  |
|                 |                 | 40           |           | t     | L              | İ              |          |                     |                   |           | t        | 1.         | 口            | 90              |           | L                   | 口                      | $\Box$    | 1          | 7      | I        |              |       |               | 140        |          | 口                     | П         | 7         | 4        | Ŧ      | F        | F        | }        |   |  |
|                 | F               | 41           | F         | F     | F              | -              |          | Н                   | Ĺ                 | F         | 1        | }∵         | <u> </u>     | 91<br>92        |           | ╁                   | Н                      | +         | +          | +      | ╁        | $\vdash$     |       |               | 141        |          | H                     | H         | ┰         | +        | 十      | +        | t        | 1        |   |  |
|                 | $\vdash$        | 42           | +         | 1     | t              | ╁╴             | H        | H                   | H                 | $\vdash$  | t        |            |              | 93              |           | 士                   | Ħ                      |           | 士          | 土      | 士        |              | -     |               | 143        |          |                       | 口         | コ         | 二        | #      | T        | T        | 1        |   |  |
|                 |                 | 44           | L         | F     | F              | F              | $\Box$   |                     | ļ_                | F         | L        | ŀ          | 匚            | 94<br>95        |           | F                   | Н                      | $\dashv$  | Ŧ          | +      | +        | <del> </del> | :     | <u> </u>      | 144        |          | H                     | Н         | +         | +        | +      | +-       | +        | 1        |   |  |
|                 | -               | 45           |           | 十     | ╀              | ╫              | ╁        | Н                   | ┝                 | ╁         | ╁        | 1          | ╂            | 96              |           | $\dagger$           | H                      | H         | ╁          | +      | 士        | T            |       |               | 146        |          | $\Box$                | Ħ         | 士         | 士        | 士      | 土        |          | 1        |   |  |
|                 |                 | 47           | I         | I     | L              |                |          |                     |                   | L         | I        | 1.         |              | 97              |           | Ţ                   |                        | П         | 1          | T      | Ţ        |              | ļ     | $\sqsubseteq$ | 147        |          |                       | П         | $\dashv$  | 7        | Ŧ      | Ŧ        | F        | 1        |   |  |
|                 | -               | 48           |           | ╀     | ╀              | ╁              | +-       |                     | $\vdash$          | ╀         | ╁        | ľ          | -            | 98<br>99        | +         | ╁                   | +-                     | H         | +          | +      | +        | ╁            |       | <del> </del>  | 149        |          | +                     | Н         | +         | +        | +      | $\pm$    | $\pm$    | <u> </u> |   |  |
|                 |                 | 50           |           | t     | t              | 上              |          |                     |                   | 上         | I        | <u>1</u> . |              | 10              |           |                     |                        |           | 工          | 工      | I        | L            |       |               | 150        |          |                       |           |           | T        | $\Box$ | Τ        | I.       | ]        |   |  |
|                 |                 |              |           |       |                |                |          |                     |                   |           |          |            |              |                 |           |                     |                        |           |            |        |          |              |       |               |            |          |                       |           |           |          |        |          |          |          |   |  |

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